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LETTER OF T...

DATE	JOB NO
JUNE 10, 1991	6760-N81-01
ATTENTION: Franco La Greca	
RE: PHONECON - MINUTES Conference Call June 3, 1991	

TO FRANCISCO A. LA GRECA - P.E.
DEPARTMENT OF THE NAVY
NORTHERN DIVISION
NAFEC - BUILDING 77-L
PHILADELPHIA, PA 19112

WE ARE SENDING YOU ☑ Attached ☐ Under separate cover via _____ the following items:

☐ Shop drawings ☐ Prints ☐ Plans ☐ Samples ☐ Specifications
☐ Copy of letter ☐ Change order ☐ _____

COPIES	DATE	NO.	DESCRIPTION
3	-	-	Summary of Conference Call Conducted with Melville Marine, NORTHDIV and TRC-ECI (June 3, 1991)

THESE ARE TRANSMITTED as checked below:

☐ For approval ☐ Approved as submitted ☐ Resubmit _____ copies for approval
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☐ FOR BIDS DUE _____ 19____ ☐ PRINTS RETURNED AFTER LOAN TO US

REMARKS Trust these minutes accurately reflect our discussions of June 3, 1991. A Site Map developed for the Site was FED-X'd to Melville Marine and NORTHDIV prior to our Phonecon for reference and indicates locations of all sampling points

COPY TO J. Peronto
Files

SIGNED: Bob Smith

If enclosures are not as noted, kindly notify us at once.

SUMMARY OF JUNE 3, 1991 CONFERENCE CALL BETWEEN
MELVILLE MARINE INDUSTRIES, NORTHDDIV, & TRC-ECI

Field Investigation Status

- All of the on-site field investigation activities as planned in the RI Field Sampling Plan at Site 02-Melville North Landfill have been completed.

- The offshore sediment and biota sampling remains to b completed at this site (along with the other two shoreline sites - Sites 01 and 09). The scope of this activity (i.e., number and location of samples) is the same as that presented in the final Field Sampling Plan of the RI/FS Work Plan. Issues remaining on this activity include th planned sample analyses, sample analysis methods, and sample depths to meet Navy and EPA/RIDEM requirements.

Laboratory Data Validation

- All of the RI data for this site has been validated by th data validation subcontractor.

- Generally, the data has been qualified as acceptable and of good quality.

Off-shore Biota/Sediment Sampling

- This activity is planned to occur as soon as technical details on the proposed sampling and analyses get resolved. Remaining issues include the planned sample analyses, the actual sample analysis methods, and the sediment sampl depths. TRC is in the process of providing the Navy with proposed changes and clarifications to the sampling and analyses. This information will also be provided to the EPA and RIDEM for acceptance prior to the sampling.

- Tentative schedule is to begin the off-shore sampling in mid to late July. The goal is to complete the sampling as soon as possible with an approved sampling and analyses plan (acceptable to NORTHDIV, USEPA Region I, and RIDEM). The off-shore sampling at this site will occur at the same time as that planned for the other two sites (Sites 01 and 09). All of the sampling is expected to take approximat ly 2 weeks. The laboratory analysis turnaround time is expected to be 60 days followed by a 30 day data validation period. Given this timing, the results of the off-shor sampling are not expected to be included in the draft RI report due in October 1991. These results will instead b included in an addendum to the RI report.

TRC

Dioxin Analyses

- TRC will propose that 8 samples collected from the site and archived for dioxin analyses be analyzed for dioxins/furans. The selection of these samples is bas d upon the results of other sample analyses and suspect d problem areas on the site.

Risk Assessment

- The risk assessment (RA) activities have begun for the 5 RI sites. Much of the RA chemical data statistical calculations have been completed for Sites 01 and 02. Given that samples were first collected for Site 01 th RA initially began for this site.

- The RA will be delivered along with the draft RI report in October 1991. The RA is not expected to include the off-shore sample results. This part of the RA will be issued as an addendum.

Oil Soaked Piles

- TRC collected 5 samples from the waste piles on April 30, 1991. The samples were submitted to a Rhode Island laboratory for TCLP analyses (including extractable metals, volatile organics, semivolatile organics, pesticides, and herbicides).

- Preliminary results of the TCLP analyses were faxed to TRC on May 31, 1991. The data indicates that none of the TCLP analyses results exceeded federal standards for the classification of the material as hazardous waste.

- A report on the findings of this sampling along with th sample results will be delivered in a letter report to the Navy. The report is expected to be completed next week (week of June 10, 1991).

Tar Patch Material

- As presented at a previous TRC meeting, two samples wer collected from the suspected PCB contaminated tar patches at the northwestern corner of the site. The PCB sample analysis results of these samples showed low levels of PCBs (870 ppb and 880 ppb) in the tar-like material. This sample data has been validated and was found to be acceptable by the data validator.

- No additional sampling is planned for this area at this time. The results of these sample analyses will be included in the RI report.

Site Contamination Information

The following is a list of general observations regarding the contamination types and levels at Site 02. The information which follows is based upon a preliminary assessment of the site data.

Surface Soil:

- Generally low levels of total polynuclear aromatic hydrocarbons (PAHs) (1 - 10 ppm) across the site. Th highest level of total PAHs detected in the surface soil samples was in sample SS01 (approx. 102 ppm) from th northwest corner of the site.

- Generally, elevated levels of heavy metals are pres nt in the surface soil on the site. Significant levels of metals were not detected in some of the surface soil samples collected at the edges of the site (e.g., SS01, SS03, SS09, SS10, SS14).

- Low levels of PCBs (ppb to low ppm) were detected in several of the surface soil samples (SS01, SS02, SS03, SS04, and SS12). The highest surface soil PCB levels were detected in samples SS01 (8 ppm) and SS02 (7.3 ppm).

Subsurface Soil:

- Debris fill was observed across the site from borings B01 to B09. Buried metal debris (e.g., machine parts) was observed in the central portion of the site (borings M02, B12, most test pits).

- Visually oily soils and/or petroleum odors were observ d in most of the test pits and at test boring (B) and well boring (M) locations B04, B05, B07, B09, B-12, B-13, M-03, and M-04. Petroleum-related subsurface soil contamination appears to exist mainly in the central portion of the site (especially near MW-3 and the t st pit investigation area). Although such contamination was also present at the southern end of the site at the location of well MW-4.

- Volatile organic compound (VOC) contamination was detected in the subsurface soils in the central portion of the site and at the southern end. The VOC contamination consisted mainly of petroleum-related compounds (i.e., benzene, toluene, xylene).

- Elevated levels of PAHs were detected in the fill across the site. The highest levels of total PAHs (50 - >100 ppm) were detected in subsurface soil samples from the following borings: M03, M04, B01, B04, and B09. High PAH levels (20 - 50 ppm) were also detect d in test pit samples TP1 and TP5. Low levels of PAHs (1 - 10 ppm)

were detect d in borings B03, B06, B07, M01, M02, and t st pit TP4.

- Elevated levels of metals were detected in the fill across the site. Metal levels were high in the soils in the test pit investigation area of the site.

- Low PCB levels (ppb to low ppm) were detected at several locations on the site (B02, B03, B04, B06, B12, M02, and M03). The highest levels of PCBs were detected in t st pit TP-1 (10 ppm) and in well boring M04 (27 ppm) at a depth of 8 to 10 foot below grade.

Ground Water

- Generally, elevated levels of metals were detected in all of the site wells.

- An oil phase was observed in well MW-3 in the central portion of the site. Visible petroleum contamination was observed in this well boring and in other nearby borings and test pits. VOC contamination was detected in the ground water sample from this well.

- A petroleum-like odor is present in well MW-4. VOC, PAH, and PCB contamination was present in the ground wat r sample from this well.